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Accuratus Lab Services Project A 2 6 4 3 9
Tool Substance Tracking # TRACIGIOLIEROL



PROTOCOL

AOAC Use-Dilution Method

Test Organism(s):

Staphylococcus aureus (ATCC 6538)

PROTOCOL NUMBER

REK01092518.UD.2

SPONSOR

Reckitt Benckiser One Philips Parkway Montvale, NJ 07645

PERFORMING LABORATORY

Accuratus Lab Services 1285 Corporate Center Drive, Suite 110 Eagan, MN 55121

DATE

September 25, 2018

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AOAC Use-Dilution Method

PURPOSE

The purpose of this study is to determine the effectiveness of the Sponsor's product as a disinfectant for hard surfaces following the AOAC Use-Dilution Method. This method is in compliance with the requirements of and may be submitted to, one or more of the following agencies as indicated by the Sponsor; U.S. Environmental Protection Agency (EPA), Health Canada and Australian Therapeutic Goods Administration (TGA).

TEST SUBSTANCE CHARACTERIZATION

According to 40 CFR, Part 160, Subpart F [160.105] test substance characterization as to identity, strength, purity, solubility and composition, as applicable, shall be documented before its use in this study. The stability of the test substance shall be determined prior to or concurrently with this study. Pertinent information, which may affect the cutcome of this study, shall be communicated in writing to the Study Director upon sample submission to Accuratus Lab Services. Accuratus Lab Services will append Sponsor-provided Certificates of Analysis (C of A) to this study report, if requested and supplied. Characterization and stability studies not performed following GLP regulations will be noted in the Good Laboratory Practice compilance statement.

SCHEDULING AND DISCLAIMER OF WARRANTY

Experimental start dates are generally scheduled on a first-come/first-serve basis once Accuratus Lab Services receives the Sponsor approved/completed protocol, signed fee schedule and corresponding test substance(s). Based on all required materials being received at this time, the proposed experimental start date is Ootober 9, 2018. Verbal results may be given upon completion of the study with a written report to follow on the proposed completion date of November 6, 2018. To expedite scheduling, please be sure all required paperwork and test substance documentation is complete/accurate upon arrival at Accuratus Lab Services.

If a test must be repeated, or a portion of it, due to failure by Accuratus Lab Services to adhere to specified procedures, it will be repeated free of charge. If a test must be repeated, or a portion of it, due to failure of internal controls, it will be repeated free of charge. "Methods Development" fees shall be assessed, however, if the test substance and/or test system require modifications due to complexity and difficulty of testing. If the Sponsor requests a repeat test, they will be charged for an additional test. Neither the name of Accuratus Lab Services are to be used in advertising or other promotion without written consent from Accuratus Lab Services.

The Sponsor is responsible for any rejection of the final report by the regulating agencies concerning report format, pagination, etc. To prevent rejection, Sponsor should carefully review the Accuratus Lab Services final report and notify Accuratus Lab Services of any perceived deficiencies in these areas before submission of the report to the regulatory agency. Accuratus Lab Services will make reasonable changes deemed necessary by the Sponsor, without attering the technical data.

JUSTIFICATION FOR SELECTION OF THE TEST SYSTEM

Regulatory Agencies require that a specific organism claim for a test substance intended for use on hard surfaces be supported by appropriate scientific data demonstrating the efficacy of the test substance against the claimed organism. This is accomplished in the laboratory by treating the target organism with the test substance under conditions which simulate as closely as possible the actual conditions under which the test substance is designed to be used. For products intended for use on hard surfaces (dry, linentmate environmental surfaces), a carrier method is used in the generation of the supporting data. The experimental design in this protocol meets these requirements.

TEST PRINCIPLE

A film of organism cells dried on a surface of stainless steel carriers is exposed to the test substance for a specified exposure time. After exposure, the carriers are transferred to vessels containing neutralizing subculture media and assayed for survivors. Appropriate culture purity, sterility, viability, carrier population and neutralization confirmation controls are performed. The current revision of Standard Operating Procedure CGT-0041 reflects the methods which shall be used in this study.

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TEST METHOD

Table 1:

Test Organism	Designation #	Growth Medium	Incubation Parameters	Dilution of Culture After Spec Adjustment
Staphylococcus aureus	6538	Synthetic Broth	35-37°C, aerobic	NA

The test organism(s) to be used in this study was/were obtained from the American Type Culture Collection (ATCC), Manassas, VA or equivalent.

Recovery Agar Medium: Tryptic Soy Agar + 5% Sheep's Blood

Carriers

Carriers will be agreened according to AOAC Official Method of Analysis and any carrier positive for growth will be discarded. Only penicylinders showing no growth may be used. Stainless steel penicylinders will be pre-soaked overnight in 1N NaOH, washed in water until neutral and autoclaved in delonized water. Carriers shall be used within three months of sterilization.

Preparation of Test Organism

Transfer 10 µL of a thawed, vortex mixed, cryovial of stock organism broth culture to an initial 10 mL tube of growth medium. For organisms not defined in the AOAC Use Dilution method, a loopful of stock stant culture may be used to inoculate the initial 10 mL tube of growth medium.

Mix and incubate the initial culture for 24±2 hours at the incubation conditions above. Following incubation, transfer 10 µL of culture to sufficient 20 x 150 mm Morton closure tubes containing 10 mL of culture medium (daily transfer #1). One daily transfer is required but up to four additional daily transfers may be prepared. Incubate the final test culture for 48-54 hours at the incubation conditions above.

The test culture will be vortex mixed for 3 to 4 seconds and allowed to stand for ≥10 minutes prior to use. After this time, the upper portion of the culture will be removed, leaving behind any clumps or debris and will be pooled in a sterile vessel and mixed.

The test culture will be adjusted in sterile growth medium to an absorbance value of 0.240 – 0.260 at 620 nm using a specificipholometer. It is recommended that after achieving the absorbance value target the organism be further dijuted in sterile growth medium as specified in the chart above. Alternate organism preparation (e.g. changing the absorbance value target or dijution) may be performed as necessary.

The culture may be diluted or centrifuge-concentrated. Applicable culture dilutions shall be performed using sterile growth medium.

An organic soil load will be added to the test culture per Sponsor's request. The final test culture will be mixed thoroughly prior to use.

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Contamination of Carriers

The culture will be transferred to the penicylinders (after siphoning off the water) and the carriers will be immersed for 16±2 minutes in a prepared suspension at a ratio of one carrier per one mL of culture to completely cover the carriers. A maximum of 100 carriers will be inoculated per vessel and each vessel inoculated may be considered a part of one total inoculation run per organism. The inoculated carriers will be transferred to sterile Petril dishes matted with filter paper after tapping the carrier against the side of the container to remove excess inocultum. No more than twelve carriers will be placed in each Petril dish. The carriers will be dried for 40±2 minutes. NOTE: Organisms not specifically mentioned in the AOAC methodology may require modified drying conditions for the purpose of obtaining maximum survival following drying. The actual drying conditions will be clearly documented. Carriers will be used in the test procedure within 2 hours of drying. Cerriers that touch during drying or have fellen over will not be used in the test.

Drying Conditions: 35-37°C.

Preparation of Test Substance

The test substance(s) to be assayed will be used as directed by the Sponsor. If a dilution of the test substance is requested by the Sponsor, the diluted test substance(s) shall be used within three hours of preparation. For products requiring dilution, use ≥1.0 mL or ≥1.0 g of test substance and volumetric glassware when preparing the dilution unless otherwise specified by the Sponsor. Ten (10) mL of the test substance at its use-dilution will be aliquotted into the required number of sterile 25 x 150 mm or 25 x 100 mm tubes. The tubes will be placed into a waterbath at the specified exposure temperature, and allowed to equilibrate for ≥10 minutes prior to testing.

Exposure Conditions

Each contaminated and dried carrier will be placed into a separate tube containing 10 mL of the test substance at its use-dilution for the desired exposure time and temperature. Immediately after placing each test carrier in the test tube, swirl the tube using approximately 2–3 gentle rotations to release any air bubbles trapped in or on the carrier. Care will be taken to evoid touching the sides of the tubes which may compromise exposure. The carrier will be placed into the test substance within ±5 seconds of the exposure time for exposure times above 1 minute following a calibrated timer. The carrier will be placed into the test substance within ±3 seconds of the exposure time for exposure times of ≤1 minute. If the exposure conditions are compromised in any way for a given carrier, a new cerrier may be treated in its place. If this cannot be done, the carrier will be marked and the compromised carrier will be identified in the raw date. If a marked carrier demonstrates a positive result, the carrier set mey be invalidated and repeated by Sponsor request.

Test System Recovery

Following the Sponsor specified exposure time, each medicated carrier will be transferred by wire hook at staggered intervals to 10 mL of primary neutralizing subculture medium and each tube will be shaken thoroughly. To accomplish this, the carrier is removed from the disinfectant tube with a sterile hook, tapped against the Interior sides of the tube to remove the excess disinfectant, avoiding the upper one-third of the tube, and transferred into the subculture tube. Care will be taken to avoid excessive contact to the interior sides of the subculture tubes during transferr. If secondary neutralization is requested by the Sponsor or deemed necessary due to test substance active and/or concentration, carriers will be transferred into individual secondary subculture tubes containing 10 mL of neutralizing broth beginning approximately 25-60 minutes after subculture of the carrier into the primary neutralizing aubculture medium. Shake each tube thoroughly. If neutralization is a concern, 20 mL of subculture medium may be used.

Incubation and Observation

All subcultures are incubated under the conditions listed in table 1 for 48±2 hours.

Following Incubation, the subcultures will be visually examined for growth. If necessary, the subcultures may be placed at 2-8°C for up to three days prior to examination.

Representative subculture (ubes showing growth will be subcultured, stained and/or biochemically assayed to confirm or rule out the presence of the test organism. If growth cannot be determined visually, appropriate test and/or control subcultures may be alreaded to agar to determine the presence or absence of growth.

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STUDY CONTROLS

Purity Control

A "streak plate for isolation" will be performed on the organism culture and following incubation examined in order to confirm the presence of a pure culture. The acceptance criterion for this study control is a pure culture demonstrating colony morphology typical of the test organism.

Organic Soil Sterility Control

Prior to or concurrent with testing and if applicable, the serum used for the organic soil load will be cultured, incubated, and visually examined for lack of growth. The acceptance criterion for this study control is lack of growth.

Carrier Sterility Control

Prior to or concurrent with testing, a representative uninoculated carrier will be added to an appropriate subculture medium. The subculture medium containing the carrier will be incubated and exemined for growth. The acceptance criterion for this study control is lack of growth.

Neutralizing Subculture Medium Sterility Control

Prior to or concurrent with testing, a representative sample of uninoculated neutralizing subculture medium will be incubated and visually examined. The acceptance criterion for this study control is lack of growth.

Viability Control

One representative inoculated parrier will be added to a vessel containing each type of subculture medium. If secondary subcultures are performed using a different media type, one carrier will be placed in the primary subculture medium and one carrier will be placed in the secondary subculture medium. The vessels containing each carrier will be incubated and visually examined for growth. The acceptance criterion for this study control is growth in the subculture media.

Neutralization Confirmation Control

Prior to testing or concurrent with testing, the neutralization of the test substance will be confirmed by exposing at least one sterile carrier to the test substance and transferring the carrier to primery subcultures containing 10-20 mL of neutralizing subculture medium as in the test. If performed in the test procedure, each carrier will then be transferred from primary subcultures into individual secondary subcultures beginning approximately 25-60 minutes following the primary transfer. The subcultures (primary and secondary as applicable) will be inoculsted with a target of 10-100 colony forming units (CFU) of each test organism, incubated under test conditions end visually examined for the presence of growth. This control will be performed with multiple replicates using different dilutions of the test organism. A standardized spread plate procedure will be run concurrently in order to enumerate the number of CFU actually added per tube. NOTE: Only the most concentrated test substance dilution and/or shortest exposure time needs to be evaluated in this control.

The acceptance criterion for this study control is growth in the final subculture broth, minimally, following inoculation with <100 CFU per tube. If all the organism dilution(s) used in this control fall to provide adequate numbers (10-100 CFU) which coincides in a failure to meet the acceptance criterion for this study control, the control may be repeated in its entirety.

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Carrier Population Control

Two sets of three inoculated carriers (one set prior to testing and one set following treatment) for each organism carrier set will be assayed. Each inoculated carrier will be individually subcultured into a tube containing 10 mL of neutralizing subculture medium and sonloated for 1 minute-5 seconds. Tubes will be contained in a beaker with water suspended in the ultrasonic cleaner such that all fluids will be level. Following sonloation, the contents of the three subcultured carriers will be pooled (30 mL) and briefly vortex mixed. Appropriate serial ten-fold dilutions will be prepared and the duplicate 0.1 mL aliquots spread plated on agar plate medium, and incubated. If serial dilutions are not performed and plated immediately following sonloation, the vessels may be refrigerated at 2-8°C for up to 2 hours prior to dilution. Following incubation, the resulting colonies will be calculated. The individual CFU per carrier set results will be calculated, and the Log₁₀ value of each carrier set determined. The average Log₁₀ value per organism will be calculated. For Staphylococcus aureus, the acceptance oriterion for this study control is a minimum average Log₁₀ value of 6.0.

PROCEDURE FOR IDENTIFICATION OF THE TEST SYSTEM

Accuratus Lab Services maintains Standard Operaling Procedures (SOPs) relative to efficacy testing studies. Efficacy testing is performed in strict adherence to these SOPs which have been constructed to cover all aspects of the work including, but not limited to, receipt, log-in, and tracking of biological reagents including test organism strains for purposes of identification, receipt and use of chemical reagents. These procedures are designed to document each step of efficacy testing studies. Appropriate references to medium, batch number, etc. are documented in the raw data collected during the course of each study.

Additionally, each efficacy test is assigned a unique Project Number when the protocol for the study is initiated by the Study Director. This number is used for identification of the test euboultures, etc. during the course of the lest. Test subcultures are also labeled with reference to the test organism, experimental start date, and test product. Microscopic and/or macroscopic evaluations of positive subcultures are performed in order to confirm the identity of the test organism. These measures are designed to document the identity of the test system.

METHOD FOR CONTROL OF BIAS: NA

STUDY ACCEPTANCE CRITERIA

Test Substance Performance Criteria

For Staphylococcus aurious, the efficacy performance requirements for label claims state that the test substance must kill the microorganism on 57 out of the 60 inoculated carriers.

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Control Acceptance Criteria

The study controls must perform according to the criteria detailed in the study controls description section. If any control acceptance criteria are not met, the test may be repeated under the current protocol number. If the population control exceeds an average log₁₀ value of 7.0 for *Stephylococcus* aureus, and the test substance does not meet the performance criteria, the Sponsor may invalidate the study and repeat testing.

Any positive test carriers confirmed as a contaminant will be reported. Any test carrier set that demonstrates a number of contaminated tubes that contributes to results that exceed the product performance/success criteria may be invalidated per Sponsor's request and may be re-tested. For sixty carrier studies, contamination exceeding one tube per carrier set may warrant invalidation and repeat testing by Sponsor's request.

If any portion of the protocol is executed incorrectly warranting repeat testing, the test may be repeated under the current protocol number. If the population control falls to meet the minimum requirement or if the neutralization control acceptance criteria is not met and the study falls to meet the efficacy requirements, repeat testing is not required.

The report will include, but not be limited to, identification of the sample, date received, initiation and completion dates, identification of the organism strains used, description of media and reagents, description of the methods employed, tabulated results and conclusion as it relates to the purpose of the test, and all other items required by 40 CFR Part 160.185.

PROTOCOL CHANGES

If It becomes necessary to make changes in the approved protocol, the revision and reasons for changes will be documented, reported to the Sponsor and will become a part of the permanent file for that study. Similarly, the Sponsor will be notified as soon as possible whenever en event occurs that may have an effect on the validity of the study.

Standard operating procedures used in this study will be the correct effective revision at the time of the work. Any minor changes to SOPs (for this study) or methods used will be documented in the raw deta and approved by the

TEST SUBSTANCE RETENTION

It is the responsibility of the Sponsor to retain a sample of the test substance. All unused test substance will be discarded following study completion unless otherwise indicated by Sponsor.

RECORD RETENTION

Study Specific Documents

All of the original raw data developed exclusively for this study shall be archived at Accuratus Lab Services for a minimum of five years for GLP studies or a minimum of six months for all other studies following the study completion date. After this time, the Sponsor (or the Sponsor Representative, if applicable) will be contacted to determine the final disposition. These original data include, but ere not limited to, the following:

- 1. All handwritten raw data for control and test substances including, but not limited to notebooks, data forms and calculations.
- Any protocol amendments/deviation notifications.
- All measured data used in formulating the final report.
- Memoranda, specifications, and other study specific correspondence relating to interpretation and evaluation of data, other than those documents contained in the final study report.
- Б. Original signed protocol.
- Certified copy of final study report.
 Study-specific SOP deviations made during the study.

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Facility Specific Documents

The following records shall also be archived at Accuratus Lab Services. These documents include, but are not limited to, the following:

1. SOPs which pertain to the study conducted,

- 2. Non study-specific SOP deviations made during the course of this study which may affect the results obtained during this study.
- Methods which were used ar referenced in the study conducted.

QA reports for each QA inspection with comments.

- Facility Records: Temperature Logs (ambient, incubator, etc.), instrument Logs, Calibration end
- Current curriculum vitae, training records, and job descriptions for all personnel involved in the study.

REFERENCES

- Association of Official Analytical Chemists (AOAC) Official Method 964.02, Testing Disinfectants against
- Association of Official Analytical Chemists (AOAC) Official Methods of Analysis of the AOAC, 2013 Edition.

 Association of Official Analytical Chemists (AOAC) Official Method of Analysis of the AOAC, 2013 Edition.

 Staphylococcus aureus Use-Dilutton Method. In Official Methods of Analysis of the AOAC, 2013 Edition.
- Association of Official Analytical Chemists (AOAC) Official Method 955.14, Testing Disinfectants against Salmonella enterica- Use-Dilutton Method. In Official Methods of Analysis of the AOAC, 2013 Edition.
- Association of Official Analytical Chemists (AOAC) Official Method 960.09, Germicidal and Detergent Sanitizing Action of Disinfectants Method [Preparation of Synthetic Hard Water]. In Official Methods of Analysis of the AOAC, 2013 Edition
- U.S. Environmental Protection Agency, Office of Chemical Safety and Pollution Prevention, Product Performance Test Guidelines, OCSPP 810,2000: General Considerations for Uses of Antimicrobial Agents, September 4, 2012.
- U.S. Environmental Protection Agency, Office of Chemical Safety and Pollution Prevention, Product Performance Test Guidelines, OCSPP 810.2200: Disinfectants for Use on Hard Surfaces- Efficacy Data Recommendations, September 4, 2012.
- Health Canada, January, 2014. Guldance Document Safety and Efficacy Requirements for Hard Surface Disinfectant Drugs.
- 8. Health Canada, January, 2014. Guidance Document Disinfectant Drugs.
- Australian Therapeutic Goods Administration (TGA), February 1998. Guidelines for the Evaluation of Sterllante and Disinfectants.
- 10. Australian Therapeutic Goods Administration (TGA), February 1998. Therapeutic Goods Order No. 54: Standerd for Disinfectants and Sterilants.
- 11. Australian Therapeutic Goods Administration (TGA), March 1997. Therapeutic Goods Order No. 54A: Amendment to the Stendard for Disinfectants and Sterlante (TGO 54).

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DATA ANALYSIS

Calculations

Determine the CFU/Carrier set in the Carrier Population Control using all average counts between 0-300 CFU as follows:

 $CFU/carrier = \underbrace{\lceil (avg, GFU \text{ for } 10^{\times}) + (avg, GFU \text{ for } 10^{\times}) + (avg, GFU \text{ for } 10^{\times}) \times (Volume \text{ of neutralizar})}_{\lceil 10^{\times} + 10^{\times} \rceil \times (Volume \text{ pleted}) \times (\# \text{ of carriers per set}) }$

where 10-4, 10-4, and 10-4 are example dliutions that may be used

Average Log₁₀ Carrier Population Control = Log₁₀X₁ + Log₁₀X₂ + ...Log₁₀X_N

Where:

X equals CFU/carrier set

N equals number of control carrier sets

Statistical Analysis None used,

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(All blank sections are verified by the Spo Test Substance (Name & Batch Number		tive as linked to the ear on final report:	
Test Substance Name	0.45115 107		Lot/Batch Number
Project Mac & Cheese -GLP- Efficacy Test	4 60037-186	·i	e0042 196 / 2250-008
Project Mac & Cheese -GLP- Efficacy Testi	M GCOA3 101	2	s0042-108 / 2250-009
Project Mac & Cheese -GLP-Efficany Testi Testing at the lower certified limit (LC	L) is required for registr	allon, no aged ba	e0042 496 / 2250-010 atch is necessary.
Product Description: ☑ Quaternary ammonia □ Peroxide	☐ Peracetic acid ☐ Sodium hypochlorite	□ lodop □ Other	
Approximate Test Substance Active C	Concentration (upon sub	mission to Acou	ratus Lab Services):
(This value is used for neutralization planning	ng only. This value is not int	anded to represent	characterization values.)
	TE; All broth must also serve Accuratus Lab Services' Dis Lab Services, at their discre	cretion. By checkir tion, to perform nat	rowth madium for the test organism) g, the Sponsor euthorizes Accuratus utrelization confirmation escays at the the most appropriate neutralizer. (See
Storage Conditions ☑ Room Temperature □ 2-8°C □ Other	⊠′ Meterial	nown; Use Standa Safety Data She ws;	et, Attached for each product
 Deionized Water (Filter or Aut 	ned as 1 m L (amount of test substoclave Sterillzed) e Sterillzed) - All tap water d and reported. 400 PPM	is softened; the w	ater hardness for the batch of tap
Test Organism(s): If Staphylococcus	a eureus (ATCC 6538)		
Carrier Number: 60 per batch Exposure Time: 15 minutes	_	re Temperature:	20±1 °C
Organic Soll Load: ☑ Minimum 5% Organic Soll Loa ☐ No Organic Soll Load Required ☐ Other:	d (Fetal Bovina Serum) d		*

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TEST SUBSTANCE SHIPMENT STATUS (This section is for informational purposes only.) ☐ Test Substance is already present at Accuratus Lab Service ☐ Test Substance has been or will be shipped to Accurate Date of expected receipt at Accuratus Lab Service ☐ Test Substance to be hand-delivered (must arrive by arrangements made with the Study director).	tus Lab Services. ces:	testing or other
COMPLIANCE Study to be performed under EPA Good Laboratory Practic operating procedures. ☑ Yes ☑ No (Non-GLP or Development Study)	ce regulations (40 CFR Part 1	60) in accordance to standard
REGULATORY AGENCY(S) THAT MAY REVIEW DATA U.S. EPA Health Cenada Therapeutic Goods Administration (Australian TGA)		
PROTOCOL MODIFICATIONS ☐ Approved without modification ☐ Approved with modification A draft report will be provided for Sponsor review prior to fire	nalizatlon.	
PROTOCOL ATTACHMENTS Supplemental Information Form Attached - Yes No		
TESTING FACILITY MANAGEMENT VERIFICATION OF	F 40 CFR PART 160 SUBPA	RT B (160.31(D))
ldentity, strength, purity, and uniformity, as applicable, of i testing: ☑ Yes □ No* □ Not required, Non-GLP testin	ihe lest lots has been or will b	e completed prior to efficacy
if yes, testing was or will be performed following 40 CFR	= *	Yes □ No*
Optional information to complete as applicable: A Certificate of Analysis (C of A) may be proported to the report. Testing has been or will be conducted under proported to the report.	rotocol or study#:	October 4th
Stability testing of the formulation has been or will be com ☑ Yes 및 No* 및 Not required, Non-GLP testing reque	pleted prior to or concurrent ested	SIO92518:CHR
If yes, teating was or will be performed following 40 CFR I	Part 160 GLP regulations: 🗵	Yes 🗆 No*
Optional information to complete as applicable: CI Testing has been or will be conducted under p	rotocol or study #:	
If testing information is not provided or is not performed for the statement of the final report.		
1) See sponsor email on 10-4-18 for appromise of	now stoguratines attachment	MD6 10-41-17
2 See Sponsor creat from 10-2-18, KDG 10-5-18		
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APPROVAL SIGNATURES	
SPONSOR:	
NAME: Ms. Carlesa Coppola	TITLE: R&D Associate
SIGNATURE: COMMON Coppolar	DATE: 2 Octobr 2018
PHONE: (201) 373 - 8082	EMAIL: Carissa.Coppola@rb.com
For confidentiality purposes, study information will be released only protocol (above) unless other individuals are specifically authorized	
Other individuals authorized to receive information regarding t	this study: See Attached
Kyle Smith	<u>-</u>
Accuratus Lab Services;	
NAME: <u>Vinistin Gonzales</u> Study Director	
SIGNATURE: Yusta Longales	DATE: 10/22/18

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